IN THE CLAIMS:

Amend the claims to read as indicated below.

1. (currently amended) An ultrasound imaging system ~~10~~, comprising

a processing system ~~12~~ configured to generate ultrasound energy and to de signals at ultrasound frequencies; and

an ultrasound scan head ~~40~~ electrically coupled to the processing system the ~~assembly 30~~scan head including an ultrasound transducer array operatively coupled positional actuator ~~42~~ having a driven member that rotates in a constant direction about a axis to ~~pivot~~ oscillate the array about a second axis substantially perpendicular to the axis, the positional actuator further including a first pivot axis orthogonally intersecting second axis and a second pivot axis rotating about the first axis and intersecting the first at a constant non-orthogonal angle.

2. (currently amended) The imaging system ~~10~~ of claim 1, wherein ultrasound scan head ~~40~~ includes a positional sensor ~~44~~ coupled to the driven member tha configured to detect a rotational position of the driven member.

3. (currently amended) The imaging system ~~10~~ of claim 2, wherein processing system ~~12~~ further includes a controller ~~26~~ electrically coupled to the positic actuator ~~32~~ to transmit positioning signals to the actuator ~~32~~, and to receive positional sign from the positional sensor ~~34~~.

4. (currently amended) The imaging system ~~10~~ of claim 1, wherein ultrasound transducer array ~~30~~ comprises a planar arrangement of ultrasound transdu elements.

5. (currently amended) The imaging system ~~10~~ of claim 1, wherein ultrasound transducer array ~~30~~ comprises a linear arrangement of ultrasound transdu elements that is curved along a length of the array.

6. (currently amended) The imaging system ~~10~~ of claim 3, furth comprising a display coupled to the controller, the display operable to visually disp ultrasound images generated by the processor ~~12~~.

7. (canceled)

8. (canceled)

9. (currently amended) The ultrasound ~~scan head 40~~imaging system claim ~~7~~1, wherein the positional actuator ~~42~~ includes a crank member ~~56~~ coupled to ~~a dri shaft 48~~the driven member, the crank member ~~56~~ having a receiving portion angled inwarc towards the first ~~rotational~~ axis, and ~~the pivot member 60 includes a coupling,~~ the cra member ~~56~~ being coupled to ~~the~~ a pivot member aligned with the first pivot axis ~~60~~ by connecting member ~~58~~ that is rotatably received by the ~~receiving portion~~crank member one end, and ~~hingeably received~~coupled to the pivot member ~~by the coupling~~ at an opposi end.

10. (currently amended) The ultrasound ~~scan head 40~~imaging system claim 9, further comprising:

a cover ~~70~~ positioned proximate to the array that at least partially defines internal volume ~~72~~ that contains the array ~~30~~, the internal volume ~~72~~ sealably containing volume of an acoustic coupling fluid.

11. (currently amended) The ultrasound imaging system~~scan head 40~~ claim 10, wherein the internal volume ~~72~~ includes an expandable bladder ~~76~~ that adjusts variations in the volume ~~72~~ of the acoustic coupling fluid.

12.-20. (canceled)